

**Table S6. Number of W to S substitutions in the Hominini and modern human branches used in Text S3.**

	Focal sites (F)	Background sites (B)
Number of W sites in the human-chimpanzee ancestor	$F_a = 1699374$	$B_a = 1726440$
Number of W to S substitutions in the Hominini branch	$F_{12} = 7097$	$B_{12} = 6742$
Number of W to S substitutions in the modern human branch	$F_3 = 207$	$B_3 = 83$